ABSTRACT OF THE DISCLOSURE

A method of starting an application program of a mobile terminal having a data terminating function, the method comprising the steps of: receiving a call establishment request for data termination; establishing a data call according to the call establishment request; determining the type of service specified by an application program starting message, when the application program starting message is received after the call is established; and automatically starting an application program corresponding to the determined type of service. Using this method, it is possible to automatically start an application program capable of processing data terminated to a mobile terminal which has a data terminating function.